

## Appendix B: Noise Supporting Information

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Project Number: 5365.0001  
 Project Name: Devlin Road C&D Facility  
 Test Personnel: Spencer P.

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### Noise Measurement Survey

Site Number: ST-1 Date: 1/14/2020 Time: From 1.41pm To 1.56pm

Site Location:  
350 feet Southwest of State Highway 29 / South Kelly Road  
80 feet to South Kelly Road, In Vacant lot south of 75 South Kelly Road

Primary Noise Sources: Truck trailers, auto traffic

#### Measurement Results

	dBA
Leq	64.4
Lmax	82.1
Lmin	49.5
L5	70.0
L10	67.8
L50	59.3
L90	53.4
Ldn	
CNEL	

#### Observed Noise Sources/Events

Time	Noise Source/Event	dBA

Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Equipment: LXT  
 Settings: A-Weighted  Other

Measured Difference: 0.08 dBA  
 Slow  Fast  Windscreen

#### Atmospheric Conditions:

Maximum Wind Velocity (mph)	Average Wind Velocity (mph)	Temperature (F)	Relative Humidity (%)	
<u>10.0</u>	<u>4.7</u>	<u>57</u>	<u>-</u>	
Comments: <u>Cloudy, windy day</u>				

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### Noise Measurement Survey

Site Number: ST-2 Date: 1/14/2020 Time: From 2:02 pm To 2:17 pm

Site Location: 100 feet to intersection of Devlin Road / South Kelly Road, South of intersection on sidewalk on eastern side of Devlin Road

Primary Noise Sources: Auto traffic, operations at Devlin Road Transfer Station

#### Measurement Results

	dBA
Leq	59.5
Lmax	74.4
Lmin	49.5
L5	64.7
L10	62.5
L50	55.1
L90	51.9
Ldn	
CNEL	

#### Observed Noise Sources/Events

Time	Noise Source/Event	dBA

Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Equipment: LXT  
 Settings: A-Weighted  Other

Measured Difference: 0.08 dBA  
 Slow  Fast  Windscreen

#### Atmospheric Conditions:

Maximum Wind Velocity (mph)	Average Wind Velocity (mph)	Temperature (F)	Relative Humidity (%)
<u>10.0</u>	<u>4.7</u>	<u>57</u>	<u>-</u>
Comments: <u>Cloudy, windy day</u>			

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### Noise Measurement Survey

Site Number: ST-3 Date: 11/13<sup>4</sup>/2020 Time: From 2:20pm To 2:35pm

Site Location:  
200 feet south of ST-2, On eastern side of Devlin Road south of intersection Devlin Road / South Kelly Road

Primary Noise Sources: Auto traffic on Devlin Road, Operations at Devlin Road Transfer Station

#### Measurement Results

	dBA
Leq	60.4
Lmax	75.5
Lmin	47.3
L5	66.8
L10	62.3
L50	54.6
L90	50.9
Ldn	
CNEL	

#### Observed Noise Sources/Events

Time	Noise Source/Event	dBA

Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Equipment: LXT  
 Settings: A-Weighted  Other

Measured Difference: 0.08 dBA  
 Slow  Fast  Windscreen

#### Atmospheric Conditions:

Maximum Wind Velocity (mph)	Average Wind Velocity (mph)	Temperature (F)	Relative Humidity (%)	
<u>10.0</u>	<u>4.7</u>	<u>57</u>	<u>-</u>	
Comments: <u>Cloudy, windy day</u>				

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